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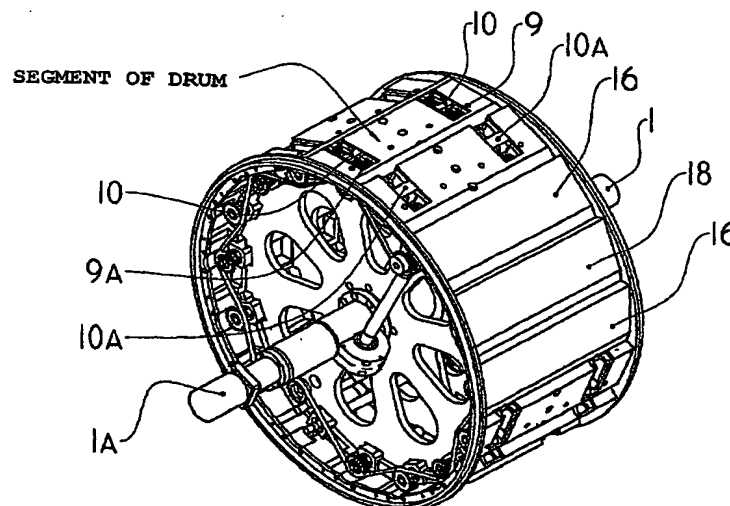
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(54) Title: CUTTING MACHINE FOR ORGANIC PLANT MATERIALS, ESPECIALLY FOR TOBACCO



(57) Abstract: A cutting machine for organic plant materials, especially for tobacco, comprising a frame and a cutterhead mounted in the frame, the cutterhead being in the form of a drum having cutting knives (16, 18) symmetrically arranged on its perimeter surface, wherein the cutterhead comprises at least two separate knife extension arrangements (10, 10a) arranged alternately to each other below the perimeter surface of the cutterhead drum and actuated separately, each of the two knife extension arrangements (10, 10a) being connected to the corresponding cutting knives (16, 18) and equipped with a motor (1, 1a), revolutions of which being controlled by means of an external signal independent of parameters of the cutterhead drum motion, the signal being transmitted and adjusted by electric motors (1, 1a) by means of an electric signal specifying the required extension rate of the appropriate knives set, the motors (1, 1a) being arranged axially symmetrically on both sides of the drive shaft.

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